

REMARKS

Prior Art Rejections-35 U.S.C. § 103

The Examiner rejected claims 1 and 2 under 35 U.S.C. § 103(a) as allegedly being unpatentable over Newman (USP 6,023,351).

The Examiner has conceded that Newman “does not have a color patch that is associated with an intermediate point located between two vertexes on a straight line coupling the two vertexes with one another” (Office Action, carry-over paragraph, page 3). The Examiner then mentions that Newman “stores the coordinates of these intermediate points (see Figure 3b Element 61) including the vertexes in memory (Column 5 Lines 55-57) without actually printing the color patch. Nevertheless, those skilled in the art will recognize that instead of storing the coordinates of these intermediate points and the vertexes in memory, one can easily instruct the printer to print a color patch according to the color values of these vertexes and the intermediate points stored in memory” (Office Action, carry-over paragraph, page 3).

Applicant submits that the rejection is improper because Newman does not use a color patch for every point in the small interval LUT of Fig. 3B. Instead, Newman interpolates to find the value of some points of the grid interval. Newman reasons that the LUT, Look Up Table, would be too large if every point was measured to determine a color patch. Thus, for Newman to output and measure a color patch for any arbitrary intermediate point as suggested by the Examiner would render Newman unsatisfactory for its intended purpose¹.

Contrary to the Examiner’s contention, Applicant submits that it would not be obvious to instruct a printer to print colors of the intermediate points based on the teachings of Newman. Moreover, “if [the] proposed modification would render the prior art invention being modified

¹ Newman col. 2, lines 1-9, “It is an object of the present invention to provide a fully regularized printer LUT with improved printer accuracy, in which the interval between entries in the LUT is fixed and is small enough to ensure accuracy and fidelity in critical regions for color reproduction, and in which the entries are mixed entries of empirically measured color values and values mathematically derived from adjacent empirical measurements through a weighted average.”

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unsatisfactory for its intended purpose, then there is no suggestion or motivation to make the proposed modification.” (MPEP § 2143.01).


Applicant therefore respectfully requests the Examiner to withdraw this rejection of claims 1 and 2.

In view of the above, reconsideration and allowance of this application are now believed to be in order, and such actions are hereby solicited. If any points remain in issue which the Examiner feels may be best resolved through a personal or telephone interview, the Examiner is kindly requested to contact the undersigned at the telephone number listed below.

The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account.

Respectfully submitted,

SUGHRUE MION, PLLC
Telephone: (202) 293-7060
Facsimile: (202) 293-7860


Susan Perre Pan
Registration No. 41,239

WASHINGTON OFFICE

23373

CUSTOMER NUMBER

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